



# WAVELENGTH CHANNEL SERVICE

ISI'S WAVELENGTH SERVICE ENABLES CARRIERS AND ENTERPRISES TO ACCOMMODATE MANY HUNDREDS OF AGGREGATED SERVICES OF ANY SUB-RATE PROTOCOL WITHOUT INSTALLING DARK FIBER. THEREFORE IT IS THE CHOICE FOR THE HIGHEST-BANDWIDTH APPLICATIONS, SUCH AS 10GBE, 4G FIBRE CHANNEL, 40GBIT/S AND 100GBIT/S IN THE FUTURE. SERVICE IS AVAILABLE BETWEEN DNTP AND CHICAGO AREA POPS

## NON-PRIVATE WAVELENGTHS

The cost conscience bandwidth user's best solution for high speed transport. This transit service offering is available at 1/2.5/5/10 GE increments. Our strict compliance with engineered over-subscription and burst parameters make this service nearly unbeatable by our competitors.



## DEDICATED RING SERVICE

ISI Wavelength Dedicated Ring service utilizes diversely routed transport facilities that connect node locations together in a dedicated ring arrangement, and are offered in 2.5/5/10/40 GE configurations. Both Primary and Expansion Systems are available in Single or Dual Shelf Configurations

## PRIVATE WAVELENGTHS

The Stand-Alone service is offered as a low cost, unprotected method of linking your LAN/WAN infrastructures with GE throughput. As a point-to-point solution between ISI POPS or extending to non-ISI POPS or customer premises, this service delivers reliable high speed transport that is dedicated to an individual client. We maintain strict security practices that maintain individual wavelength integrity.

## PROTECTED WAVELENGTHS

When placing your data flows on ISI's networks, our redundancy and fail-over will secure your network up time. Our ringed architecture spans cover most of MSA1 LATA boundaries, with very low millisecond round trips. Our demarcation points are minimal keeping our speed and data integrity at the highest level possible. Protected Wavelengths are offered in 2.5/5/10/40 GE configurations.

## FEATURES AND BENEFITS

- Reliable High Speed Connectivity Now
- Multitude of different configurations, and customized solutions to fit specific needs
- Supports point-to-point, linear add/drop, rings, and mesh
- Transport capacity: up to 80 wavelengths at 40 Gbit/s each
- Line speed for all native interfaces, including 10GbE LAN PHY

## Applications

- Carrier Back-haul
- Storage Connectivity
- LAN Connectivity
- Corporate Backbone
- SAN Extension
- Optical Internet Access
- Optical Access and Backhaul
- Grid Computing
- Foreign Wavelengths

## Supported Protocols

- ATM
- Ethernet
- Fast Ethernet
- Gigabit Ethernet
- Fibre Channel
- E1/T1
- OC-3(c)/12(c)/48c/192c/768c
- STM-1/4/16

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